RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/534,742 B

Source: _____ IFWP

Date Processed by STIC: _____ 07/31/2006

ENTERED

RAW SEQUENCE LISTING   DATE: 07/31/2006
PATENT APPLICATION: **US/10/534,742B**   TIME: 14:14:03

Input Set : **A:\10534742.txt**
Output Set: **N:\CRF4\07312006\J534742B.raw**

```
 3 <110> APPLICANT: Corrado FOGHER
 5 <120> TITLE OF INVENTION: Food flours with specific technological
characteristics and low
 6       allergenicity
 8 <130> FILE REFERENCE: 4161-12 / BX1898R
10 <140> CURRENT APPLICATION NUMBER: US 10/534,742B
11 <141> CURRENT FILING DATE: 2005-05-12
13 <150> PRIOR APPLICATION NUMBER: PCT/IB2003/005092
14 <151> PRIOR FILING DATE: 2003-11-12
16 <150> PRIOR APPLICATION NUMBER: IT BO2002A000714
17 <151> PRIOR FILING DATE: 2002-11-13
19 <160> NUMBER OF SEQ ID NOS: 44
21 <170> SOFTWARE: MS Word
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 830
25 <212> TYPE: PRT
26 <213> ORGANISM: Wheat
28 <400> SEQUENCE: 1
30 Met Thr Lys Arg Leu Val Leu Phe Ala Ala Val Val Val Ala Leu Val
31 1               5                  10                  15
33 Ala Leu Thr Ala Ala Glu Gly Glu Ala Ser Gly Gln Leu Gln Cys Glu
34           20                  25                  30
36 Arg Glu Leu Gln Glu His Ser Leu Lys Ala Cys Arg Gln Val Val Asp
37        35                  40                  45
39 Gln Gln Leu Arg Asp Val Ser Pro Glu Cys Gln Pro Val Gly Gly Gly
40     50                  55                  60
42 Pro Val Ala Arg Gln Tyr Glu Gln Gln Val Val Val Pro Pro Lys Gly
43 65                  70                  75                  80
45 Gly Ser Phe Tyr Pro Gly Glu Thr Thr Pro Pro Gln Gln Leu Gln Gln
46              85                  90                  95
48 Ser Ile Leu Trp Gly Ile Pro Ala Leu Leu Arg Arg Tyr Tyr Leu Ser
49              100                 105                 110
51 Val Thr Ser Pro Gln Gln Val Ser Tyr Tyr Pro Gly Gln Ala Ser Ser
52           115                 120                 125
54 Gln Arg Pro Gly Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Glu Tyr
55        130                 135                 140
57 Tyr Leu Thr Ser Pro Gln Gln Ser Gly Gln Trp Gln Gln Pro Gly Gln
58 145                 150                 155                 160
60 Gly Gln Ala Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Glu
61              165                 170                 175
63 Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Trp Gln Pro Glu Gln Leu Gln
64              180                 185                 190
66 Gln Pro Thr Gln Gly Gln Gln Arg Gln Gln Pro Gly Gln Gly Gln Gln
67           195                 200                 205
```

RAW SEQUENCE LISTING   DATE: 07/31/2006
PATENT APPLICATION: US/10/534,742B   TIME: 14:14:03

Input Set : A:\10534742.txt
Output Set: N:\CRF4\07312006\J534742B.raw

```
69 Leu Arg Gln Gly Gln Gln Gly Gln Gln Ser Gly Gln Gly Gln Pro Arg
70     210             215             220
72 Tyr Tyr Pro Thr Ser Ser Gln Gln Pro Gly Gln Leu Gln Gln Leu Ala
73 225             230             235             240
75 Gln Gly Gln Gln Gly Gln Gln Pro Glu Arg Gly Gln Gln Gly Gln Gln
76             245             250             255
78 Ser Gly Gln Gly Gln Gln Leu Gly Gln Gly Gln Gln Gly Gln Gln Pro
79             260             265             270
81 Gly Gln Lys Gln Gln Ser Gly Gln Gly Gln Gln Gly Tyr Tyr Pro Ile
82         275             280             285
84 Ser Pro Gln Gln Leu Gly Gln Gly Gln Gln Ser Gly Gln Gly Gln Leu
85     290             295             300
87 Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly Gln Ser Gly
88 305             310             315             320
90 Tyr Tyr Pro Thr Ser Ala Gln Gln Pro Gly Gln Leu Gln Gln Ser Thr
91             325             330             335
93 Gln Glu Gln Gln Leu Gly Gln Glu Gln Gln Asp Gln Gln Ser Gly Gln
94             340             345             350
96 Gly Arg Gln Gly Gln Gln Ser Gly Gln Arg Gln Gln Asp Gln Gln Ser
97         355             360             365
99 Gly Gln Gly Gln Gln Pro Gly Gln Arg Gln Pro Gly Tyr Tyr Ser Thr
100     370             375             380
102 Ser Pro Gln Gln Leu Gly Gln Gly Gln Pro Arg Tyr Tyr Pro Thr Ser
103 385             390             395             400
105 Pro Gln Gln Pro Gly Gln Glu Gln Gln Pro Arg Gln Leu Gln Gln Pro
106             405             410             415
108 Glu Gln Gly Gln Gln Gly Gln Gln Pro Glu Gln Gly Gln Gln Gly Gln
109             420             425             430
111 Gln Pro Gly Gln Gly Glu Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln
112     435             440             445
114 Gly Gln Gln Pro Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro
115     450             455             460
117 Gln Gln Ser Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln
118 465             470             475             480
120 Gln Ser Gly Gln Leu Gln Gln Pro Ala Gln Gly Gln Gln Pro Gly Gln
121             485             490             495
123 Glu Gln Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Gly Gln Gln Pro
124             500             505             510
126 Gly Gln Gly Gln Gln Pro Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr
127     515             520             525
129 Ser Pro Gln Gln Ser Gly Gln Glu Gln Gln Leu Glu Gln Trp Gln Gln
130     530             535             540
132 Ser Gly Gln Gly Gln Pro Gly His Tyr Pro Thr Ser Pro Leu Gln Pro
133 545             550             555             560
135 Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ile Gly
136             565             570             575
138 Gln Gly Gln Gln Pro Gly Gln Leu Gln Gln Pro Thr Gln Gly Gln Gln
139             580             585             590
141 Gly Gln Gln Pro Gly Gln Gly Gln Gln Gly Gln Gln Pro Gly Gln Gly
```

RAW SEQUENCE LISTING   DATE: 07/31/2006
PATENT APPLICATION: US/10/534,742B   TIME: 14:14:03

Input Set : **A:\10534742.txt**
Output Set: **N:\CRF4\07312006\J534742B.raw**

```
142        595              600              605
144 Gln Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Pro Gly Gln Gly Gln
145     610              615              620
147 Pro Gly Tyr Tyr Pro Thr Ser Leu Gln Gln Ser Gly Gln Gly Gln Gln
148 625              630              635              640
150 Pro Gly Gln Trp Gln Gln Pro Gly Gln Gly Leu Pro Gly Tyr Tyr Pro
151              645              650              655
153 Thr Ser Ser Leu Gln Pro Glu Gln Gly Gln Gln Gly Tyr Tyr Pro Thr
154             660              665              670
156 Ser Gln Gln Gln Pro Gly Gln Gly Pro Gln Pro Gly Gln Trp Gln Gln
157     675              680              685
159 Ser Gly Gln Gly Gln Gln Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser
160     690              695              700
162 Gly Gln Gly Gln Gln Pro Gly Gln Trp Leu Gln Pro Gly Gln Trp Leu
163 705              710              715              720
165 Gln Ser Gly Tyr Tyr Leu Thr Ser Pro Gln Gln Leu Gly Gln Gly Gln
166             725              730              735
168 Gln Pro Arg Gln Trp Leu Gln Pro Arg Gln Gly Gln Gln Gly Tyr Tyr
169             740              745              750
171 Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly Gln Gln Leu Gly Gln Gly
172     755              760              765
174 Gln Gln Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly Gln
175     770              775              780
177 Gln Gly Tyr Asp Ser Pro Tyr His Val Ser Ala Glu His Gln Ala Ala
178 785              790              795              800
180 Ser Leu Lys Val Ala Lys Ala Gln Gln Leu Ala Ala Gln Leu Pro Ala
181             805              810              815
183 Met Cys Arg Leu Glu Gly Gly Asp Ala Leu Leu Ala Ser Gln
184             820              825              830
187 <210> SEQ ID NO: 2
188 <211> LENGTH: 815
189 <212> TYPE: PRT
190 <213> ORGANISM: Wheat
192 <400> SEQUENCE: 2
194 Met Thr Lys Arg Leu Val Leu Phe Ala Ala Val Val Val Ala Leu Val
195 1             5              10              15
197 Ala Leu Thr Ala Ala Glu Gly Glu Ala Ser Gly Gln Leu Gln Cys Glu
198             20              25              30
200 Arg Glu Leu Gln Glu His Ser Leu Lys Ala Cys Arg Gln Val Val Asp
201     35              40              45
203 Gln Gln Leu Arg Asp Val Ser Pro Glu Cys Gln Pro Val Gly Gly Gly
204     50              55              60
206 Pro Val Ala Arg Gln Tyr Glu Gln Gln Val Val Val Pro Pro Lys Gly
207 65              70              75              80
209 Gly Ser Phe Tyr Pro Gly Glu Thr Thr Pro Pro Gln Gln Leu Gln Gln
210             85              90              95
212 Ser Ile Leu Trp Gly Ile Pro Ala Leu Leu Arg Arg Tyr Tyr Leu Ser
213             100              105              110
215 Val Thr Ser Pro Gln Gln Val Ser Tyr Tyr Pro Gly Gln Ala Ser Ser
```

```
216          115                    120                    125
218 Gln Arg Pro Gly Gln Gly Gln Gln Glu Tyr Tyr Leu Thr Ser Pro Gln
219     130                    135                    140
221 Gln Ser Gly Gln Trp Gln Gln Pro Gly Gln Gly Gln Ser Gly Tyr Tyr
222 145                    150                    155                    160
224 Pro Thr Ser Pro Gln Gln Ser Gly Gln Lys Gln Pro Gly Tyr Tyr Pro
225               165                    170                    175
227 Thr Ser Pro Trp Gln Pro Glu Gln Leu Gln Gln Pro Thr Gln Gly Gln
228               180                    185                    190
230 Gln Arg Gln Gln Pro Gly Gln Gly Gln Gln Leu Arg Gln Gly Gln Gln
231     195                    200                    205
233 Gly Gln Gln Ser Gly Gln Gly Gln Pro Arg Tyr Tyr Pro Thr Ser Ser
234     210                    215                    220
236 Gln Gln Pro Gly Gln Leu Gln Gln Leu Ala Gln Gly Gln Gln Gly Gln
237 225                    230                    235                    240
239 Gln Pro Glu Arg Gly Gln Gln Gly Gln Gln Ser Gly Gln Gly Gln Gln
240               245                    250                    255
242 Leu Gly Gln Gly Gln Gln Gly Gln Gln Pro Gly Gln Lys Gln Gln Ser
243               260                    265                    270
245 Gly Gln Gly Gln Gln Gly Tyr Tyr Pro Ile Ser Pro Gln Gln Leu Gly
246     275                    280                    285
248 Gln Gly Gln Gln Ser Gly Gln Gly Gln Leu Gly Tyr Tyr Pro Thr Ser
249     290                    295                    300
251 Pro Gln Gln Ser Gly Gln Gly Gln Ser Gly Tyr Tyr Pro Thr Ser Ala
252 305                    310                    315                    320
254 Gln Gln Pro Gly Gln Leu Gln Gln Ser Thr Gln Glu Gln Gln Leu Gly
255               325                    330                    335
257 Gln Glu Gln Gln Asp Gln Gln Ser Gly Gln Gly Arg Gln Gly Gln Gln
258               340                    345                    350
260 Ser Gly Gln Arg Gln Gln Asp Gln Gln Ser Gly Gln Gly Gln Gln Pro
261     355                    360                    365
263 Gly Gln Arg Gln Pro Gly Tyr Tyr Ser Thr Ser Pro Gln Gln Leu Gly
264     370                    375                    380
266 Gln Gly Gln Pro Arg Tyr Tyr Pro Thr Ser Pro Gln Gln Pro Gly Gln
267 385                    390                    395                    400
269 Glu Gln Gln Pro Arg Gln Leu Gln Gln Pro Glu Gln Gly Gln Gln Gly
270               405                    410                    415
272 Gln Gln Pro Glu Gln Gly Gln Gln Gly Gln Gln Gln Arg Gln Gly Glu
273               420                    425                    430
275 Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Gly Gln Gln Pro Gly Gln
276     435                    440                    445
278 Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly
279     450                    455                    460
281 Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Leu Gln
282 465                    470                    475                    480
284 Gln Pro Ala Gln Gly Gln Gln Pro Gly Gln Glu Gln Gln Gly Gln Gln
285               485                    490                    495
287 Pro Gly Gln Gly Gln Gln Pro Gly Gln Gly Gln Pro Gly Tyr Tyr Pro
288               500                    505                    510
```

```
290 Thr Ser Pro Gln Gln Ser Gly Gln Glu Gln Gln Leu Glu Gln Trp Gln
291         515             520             525
293 Gln Ser Gly Gln Gly Gln Pro Gly His Tyr Pro Thr Ser Pro Leu Gln
294     530             535             540
296 Pro Gly Gln Gly Gln Pro Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ile
297 545             550             555                 560
299 Gly Gln Gly Gln Gln Pro Gly Gln Leu Gln Gln Pro Thr Gln Gly Gln
300             565             570                 575
302 Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Gly Gln Gln Pro Gly Glu
303         580             585             590
305 Gly Gln Gln Gly Gln Gln Pro Gly Gln Gly Gln Gln Pro Gly Gln Gly
306     595             600             605
308 Gln Pro Gly Tyr Tyr Pro Thr Ser Leu Gln Gln Ser Gly Gln Gly Gln
309     610             615             620
311 Gln Pro Gly Gln Trp Gln Gln Pro Gly Gln Gly Gln Pro Gly Tyr Tyr
312 625             630             635                 640
314 Pro Thr Ser Ser Leu Gln Pro Glu Gln Gly Gln Gln Gly Tyr Tyr Pro
315             645             650             655
317 Thr Ser Gln Gln Gln Pro Gly Gln Gly Pro Gln Pro Gly Gln Trp Gln
318         660             665             670
320 Gln Ser Gly Gln Gly Gln Gln Gly Tyr Tyr Pro Thr Ser Pro Gln Gln
321     675             680             685
323 Ser Gly Gln Gly Gln Gln Pro Gly Gln Trp Leu Gln Pro Gly Gln Trp
324     690             695             700
326 Leu Gln Ser Gly Tyr Tyr Leu Thr Ser Pro Gln Gln Leu Gly Gln Gly
327 705             710             715                 720
329 Gln Gln Pro Arg Gln Trp Leu Gln Pro Arg Gln Gly Gln Gln Gly Tyr
330             725             730             735
332 Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly Gln Gln Leu Gly Gln
333             740             745             750
335 Gly Gln Gln Gly Tyr Tyr Pro Thr Ser Pro Gln Gln Ser Gly Gln Gly
336     755             760             765
338 Gln Gln Gly Tyr Asp Ser Pro Tyr His Val Ser Ala Glu His Gln Ala
339     770             775             780
341 Ala Ser Leu Lys Val Ala Lys Ala Gln Gln Leu Ala Ala Gln Leu Pro
342 785             790             795                 800
344 Ala Met Cys Arg Leu Glu Gly Gly Asp Ala Leu Leu Ala Ser Gln
345             805             810             815
347 <210> SEQ ID NO: 3
348 <211> LENGTH: 839
349 <212> TYPE: PRT
350 <213> ORGANISM: Wheat
352 <400> SEQUENCE: 3
354 Met Ala Lys Arg Leu Val Leu Phe Val Ala Val Val Ala Leu Val
355 1           5               10              15
357 Ala Leu Thr Val Ala Glu Gly Glu Ala Ser Glu Gln Leu Gln Cys Glu
358             20              25              30
360 Arg Glu Leu Gln Glu Leu Gln Glu Arg Glu Leu Lys Ala Cys Gln Gln
361         35              40              45
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 07/31/2006
PATENT APPLICATION: US/10/534,742B   TIME: 14:14:04

Input Set : **A:\10534742.txt**
Output Set: **N:\CRF4\07312006\J534742B.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the
<220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:44; Xaa Pos. 2

VERIFICATION SUMMARY   DATE: 07/31/2006
PATENT APPLICATION: **US/10/534,742B**   TIME: 14:14:04

Input Set : **A:\10534742.txt**
Output Set: **N:\CRF4\07312006\J534742B.raw**

L:2115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0